



South Coast Air Quality Management District

ExxonMobil Refinery

2009 Rule 1118 Quarterly Flare Emissions

Emission Target

2009 SOx Emissions Target (lbs)	Year-to-date SOx Emissions (lbs)
110,000	64,447.30

Quarter I (January 1, 2009 - March 31, 2009)

Flare ID	Total Vent Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
55F-1	2,914,442	30.4	335.9	96.4	292.5	2.4
65F	129,268,969	2,589.40	5,864.50	4,350.30	25,491.20	60,540.50
Total	132,183,411	2,619.80	6,200.40	4,446.70	25,783.70	60,542.90

Quarter II (April 1, 2009 - June 30, 2009)

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
55F-1	2,283,120	176.6	766.8	983.6	2,637.20	8.2
65F	6,341,542	215.9	1,340.50	522.6	3,030.10	1,238.30
Total	8,624,662	392.5	2,107.30	1,506.20	5,667.30	1,246.50

Quarter III (July 1, 2009 - September 30, 2009)

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
55F-1	2,334,856	17.5	303.5	16.3	81.7	1.9
65F	8,492,154	572.5	1,983.10	873.9	5,080.50	1,021.50
Total	10,827,010	590	2,286.60	890.2	5,162.20	1,023.40

Quarter IV (October 1, 2009 - December 31, 2009)

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
55F-1	3,627,387	44.3	385.2	178.1	509.6	3
65F	17,294,873	132.8	2,245.20	143.8	740.1	1,631.50
Total	20,922,260	177.1	2,630.40	321.9	1,249.70	1,634.50